PE3 Ignition Coil Charge Times & Crank Polarity

Ignition Coil Notes:

- *When using PE3 ignition, the EVO Fuel Injection team reccomends using whatever year coil matches your engine. This is so the coil fits securely on the spark plug, and the O-ring seals in the cylinder head.*
- *This is especially important on GSXR engines, where different year cylinder heads are on different year bottom ends. (i.e 06-07 O1H head on a 2011+ 14J bottom end).*
- *To set these values, connect to your ECU, click on "Engine" then "Setup Coil Charge Time". Change the values according to the coil part number you have (see Page 2).*
- *We see many IG-2 systems that are not set correctly. It is VERY important that these values are set correctly to avoid ignition coil over-current errors.*
- *When looking at the back of the coil connector, with the locking clip UP, the switched 12v+ wire (red) should be on the LEFT on a Yamaha, Kawasaki, or Honda.*
- *When looking at the back of the coil connector, with the locking clip UP, the switched 12v+ wire (red) should be on the RIGHT on a Suzuki.*

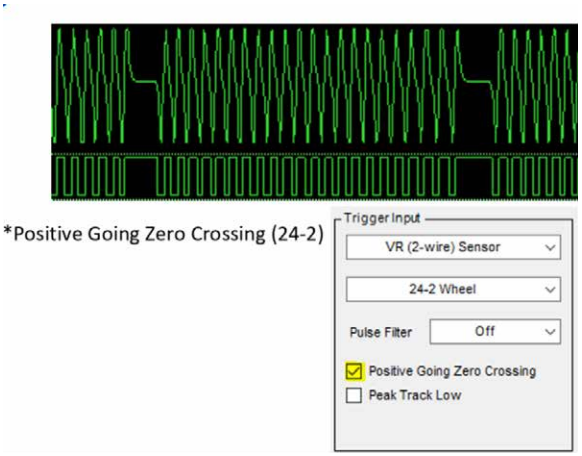
Year:	Part Number:
2008-Current Yamaha R6	**13S, BN6**
Voltage	Charge Time
16	1.20
14	1.50
12	1.90
10	2.40
8	3.00
2006-2007 Yamaha R6 B/S	**6T558 5Z26**
Voltage	Charge Time
16	1.60
14	2.00
12	2.90
10	5.00
8	7.00
2006-2007 GSXR 600 (O1H)	**4800**
Voltage	Charge Time
16	1.50
14	1.90
12	2.20
10	2.80
8	3.30
2008-2009 GSXR 600 (37H)	**5230**
Voltage	Charge Time
16	1.40
14	1.70
12	2.00
10	2.50
8	3.20

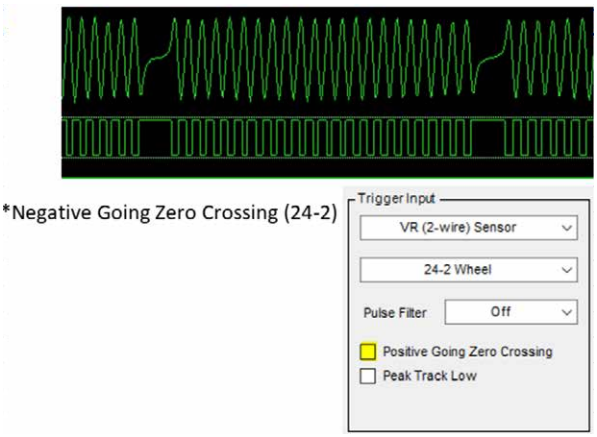
Year:	Part Number:
2011-Current GSXR 600 (14J)	**5140**
Voltage	Charge Time
16	1.30
14	1.60
12	3.00
10	3.50
8	4.00
2005-2006 ZX6R	**F6T560**
Voltage	Charge Time
16	1.65
14	2.25
12	3.30
10	4.20
8	4.65
2009-Current ZX6R	**F6T570**
Voltage	Charge Time
16	1.75
14	2.20
12	3.00
10	5.00
8	6.00
2009-Current CBR600RR	**129700-4510 J0451**
Voltage	Charge Time
16	1.60
14	1.95
12	2.80
10	3.75
8	6.00

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Crank Polarity Notes:

- *We see many IG-2 systems that have the incorrect crank polarity. This is very important to reduce cranking errors, and backfiring on start-up.*
- *Connect to the ECU, and click on "Diagnostics" on the top left of your screen. Click on "Trigger/Sync" on 8400 ECU or "CRANK/CAM" on IG-2.*
- *Start the engine, or begin cranking if the engine does not start. While the engine is running or cranking, click "GET" and continue cranking until you see the lines below.*
- *Click on the "Engine" tab in the top left of your screen, and then "Setup Engine". Verify your trigger input settings are correct as they are shown below.*





As with anything, if you need any assistance or have any questions don't hesitate to give us a call!

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